MONOPRICE®

DVI EXTENDER

DVI-L
(Local)

DVI-R
(Remote)

USER MANUAL V1.1
DVI-E

Package Contents

- DVI Extender Local Unit
- DVI Extender Remote Unit
- 1 user manual
- 2 power adapter DC 5V 1.2A

Any thing missed, please contact with your vendor.

Introduction

The extension of DVI-D video signal device up to 30/50 meter away by using DVI extender and one CAT.5 cable.

DVI extender is ideal for:

- Test bench facilities
- Data Center
- Help desks

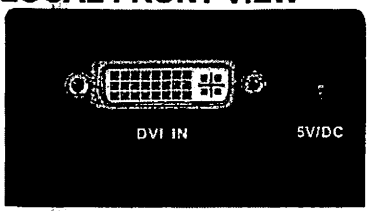
Features

- PC resolution to 1600x1200 60Hz / 30 meter.
- PC resolution to 1280x1024 60Hz / 50 meter.
- Support DVI-D.
- Use CAT.5 cable to install easily.

Specifications

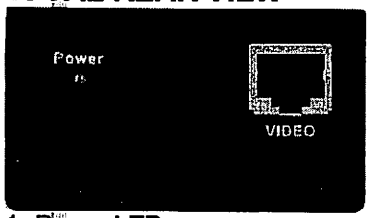
Function	DVI-L	DVI-R
Input Connector	1 DVI Female	1 RJ-45 Female
Output Connector	1 RJ-45 Female	1 DVI Female
Max. Resolution	1600x1200 60Hz / 1280x1024 60Hz	
Cable Distance	30/50 m (Max.)	
Power Adapter (Min.)	DC 5V 1.2A	
Housing	Metal	
Weight	141g	
Dimensions (LxWxH)	67x52x38 mm	

LOCAL FRONT VIEW



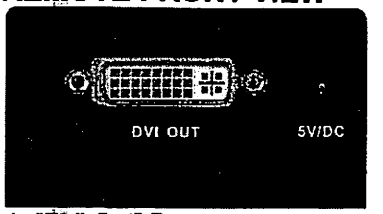
1. "DVI In" Port
2. Power Jack

LOCAL REAR VIEW



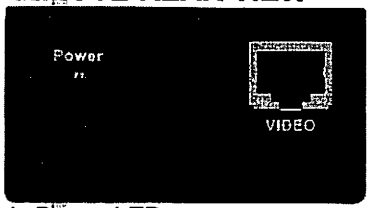
1. Power LED
2. "CAT.5" Port

REMOTE FRONT VIEW



1. "DVI Out" Port
2. Power Jack

REMOTE REAR VIEW



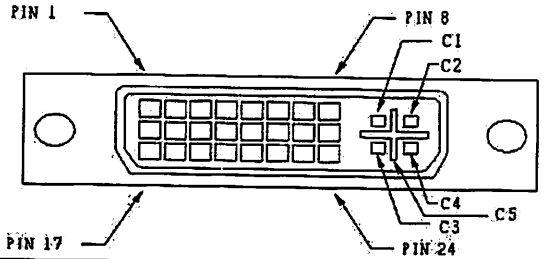
1. Power LED
2. "CAT.5" Port

Installation

1. Turn off the PC and monitor.
2. Connect the DVI male/male extension cable between the PC and the "DVI In" port of DVI-L.
3. Connect the DVI male/male extension cable between the monitor and the "DVI Out" port of DVI-R.
4. Connect the CAT.5 cable between the DVI-L "CAT.5" port and the DVI-R "CAT.5" port of extender.
5. Connect the power cord and turn on the extender.
6. Turn on the PC and monitor.

Technical Specifications

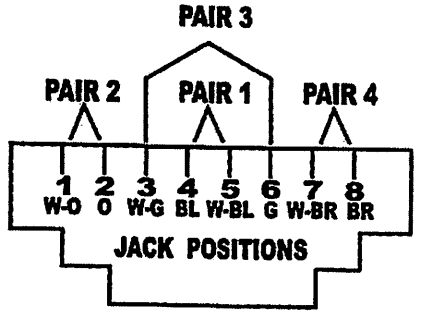
Input/Output Signal



Pin #	Signal	Pin #	Signal
1	T.M.D.S Data 2-	16	Hot Plug Detect
2	T.M.D.S Data 2+	17	T.M.D.S Data 0-
3	T.M.D.S Data 2/4 Shield	18	T.M.D.S Data 0+
4	T.M.D.S Data 4-	19	T.M.D.S Data 0/5 Shield
5	T.M.D.S Data 4+	20	T.M.D.S Data 5-
6	DDC Clock	21	T.M.D.S Data 5+
7	DDC Data	22	T.M.D.S Clock Shield
8	Analog Vert. Sync	23	T.M.D.S Clock+
9	T.M.D.S Data 1-	24	T.M.D.S Clock-
10	T.M.D.S Data 1+		
11	T.M.D.S Data 1/3 Shield	C1	Analog Red
12	T.M.D.S Data 3-	C2	Analog Green
13	T.M.D.S Data 3+	C3	Analog Blue
14	+5V Power	C4	Analog Horz Sync
15	GND	C5	Analog Ground

Wiring Information & Coding

Conductor Identification	RJ45 Pin Assignment	Color Code for Conductor
Pair 1	5	White-Blue
	4	Blue
Pair 2	1	White-Orange
	2	Orange
Pair 3	3	White-Green
	6	Green
Pair 4	7	White-Brown
	8	Brown



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